



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/693,540   | 10/24/2003  | Dany Sylvain         | 7000-271            | 2301             |
| 27820  | 7590        | 03/13/2006           | EXAMINER            |                  |
| WITHROW & TERRANOVA, P.L.L.C.<br>P.O. BOX 1287<br>CARY, NC 27512 |             |                      | PHUONG, DAI         |                  |
|  |             | ART UNIT             |                     | PAPER NUMBER     |
|  |             |                      |                     | 2688             |

DATE MAILED: 03/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                           |                  |
|------------------------------|---------------------------|------------------|
| <b>Office Action Summary</b> | Application No.           | Applicant(s)     |
|                              | 10/693,540                | SYLVAIN, DANY    |
|                              | Examiner<br>Dai A. Phuong | Art Unit<br>2688 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 29 December 2005.  
 2a) This action is FINAL.                            2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-28 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-28 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 24 October 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_.  
 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_.  
 5) Notice of Informal Patent Application (PTO-152)  
 6) Other: \_\_\_\_\_.

## DETAILED ACTION

### *Response to Amendment*

1. Applicant's arguments, filed 12/29/2005, with respect to claims have been considered but are moot in view of the new ground(s) of rejection. Claims 1-28 are currently pending.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-28 are rejected under 35 U.S.C. 102(b) as being anticipated by Cardina et al. (U.S. 6411802).

Regarding claim 1, Cardina et al. et al. disclose a method for transitioning communications with a ***mobile terminal*** from a wireline network to a wireless network, wherein the ***mobile terminal*** is provided with a primary directory number associated with the wireline network, the method comprising: a) receiving a request for a temporary directory number, which has been temporarily assigned to the telephone station by the wireless network (fig. 1, col. 9, lines 1-65); b) accessing the temporary directory number (fig. 1, col. 9, lines 1-65); and c) providing the temporary directory number to allow a wireless connection to be established with the telephone station via the wireless network (fig. 1, col. 9, lines 1 to col. 10, lines 65 and col. 11, lines 10 to col. 12, lines 63). Specifically, Cardina et al. disclose customer premises equipment is also referred to as "terminating equipment," which can be telecommunications equipment including, but not limited to, telephones, modems, facsimile machines, computers, or ***wireless telephones***. Specific customer premises equipment, such as a telephone, can be referred

to as "customer premises telephone equipment." The wireless communication device may include any conventional analog or digital wireless telephone or *cellular radiotelephone*. A suitable wireless communication device communicates with a wireless communication network functionally connected to the landline network).

Regarding claim 2, Cardina et al. disclose all the limitation in claim 1. Further, Cardina et al. disclose the method wherein an initial connection for a call is established through the wireline network via a terminal adaptor (fig. 1, col. 9, lines 1-65).

Regarding claim 3, Cardina et al. disclose all the limitation in claim 2. Further, Cardina et al. disclose the method wherein the request is received from the terminal adaptor and the temporary directory number is provided to the terminal adaptor (fig. 1, col. 9, lines 1-65).

Regarding claim 4, Cardina et al. disclose all the limitation in claim 3. Further, Cardina et al. disclose the method wherein the terminal adaptor initiates establishment of the wireless connection and transfer of communications from the wireline connection to the wireless connection (col. 11, line 10 to col. 12, line 63).

Regarding claim 5, Cardina et al. disclose all the limitation in claim 4. Further, Cardina et al. disclose the method wherein the terminal adaptor, is coupled to a wireline switch in the wireline network and the terminal adaptor initiates establishment of the wireless connection by sending a request to the wireline switch to establish a connection to the mobile terminal via the wireless network using the temporary directory number and wherein the transfer of communications from the wireline connection to the wireless connection is effected by the wireline switch (col. 15, line 66 to col. 20, line 12).

Regarding claim 6, Cardina et al. disclose all the limitation in claim 1. Further, Cardina et al. disclose the method wherein the temporary directory number is accessed from the wireless network (col. 9, line 28 to col. 10, line 65).

Regarding claim 7, Cardina et al. disclose all the limitation in claim 6. Further, Cardina et al. disclose the method wherein the temporary directory number is accessed via a home location register associated with the wireline network (col. 9, line 28 to col. 10, line 65).

Regarding claim 8, Cardina et al. disclose all the limitation in claim 7. Further, Cardina et al. disclose the method wherein the home location register accesses the temporary directory number from a visiting location register associated with the wireless network (col. 9, line 28 to col. 10, line 65).

Regarding claim 9, Cardina et al. disclose all the limitation in claim 9. Further, Cardina et al. disclose the method wherein the visiting location register accesses the temporary directory number from a wireless switch, which facilitates the wireless connection with the mobile terminal (col. 9, line 28 to col. 10, line 65).

Regarding claim 10, Cardina et al. disclose all the limitation in claim 2. Further, Cardina et al. disclose the method wherein the mobile terminal registers with the wireless network while being served by the wireline network (fig. 1, col. 11, lines 10 to col. 12, lines 63).

Regarding claim 11, Cardina et al. disclose all the limitation in claim 10. Further, Cardina et al. disclose the method wherein the mobile terminal registers with the wireless network while a connection is established via the wireline network (fig. 1, col. 11, lines 10 to col. 12, lines 63).

Regarding claim 12, Cardina et al. disclose all the limitation in claim 10. Further, Cardina et al. disclose the method wherein the mobile terminal registers with the wireless network prior to a connection being established via the wireline network (fig. 1, col. 9, lines 1-65).

Regarding claim 13, Cardina et al. disclose all the limitation in claim 10. Further, Cardina et al. disclose the method wherein the mobile terminal registers with the wireless network prior to transitioning to the wireless connection (fig. 1, col. 9, lines 1-65).

Regarding claim 14, Cardina et al. disclose all the limitation in claim 1. Further, Cardina et al. disclose the method further comprising: a) establishing a wireline connection via the wireline network (fig. 1, col. 9, lines 1-65); b) establishing the wireless connection via the wireless network (fig. 1, col. 9, lines 1-65); and c) transferring communications with the mobile terminal from the wireline connection to the wireless connection (fig. 1, col. 11, lines 10 to col. 12, lines 63).

Regarding claim 15, Cardina et al. disclose a system for transitioning communications with a mobile terminal from a wireline network to a wireless network, wherein the mobile terminal is provided with a primary directory number associated with the wireline network, the system comprising: a) a communication interface (fig. 1, col. 11, lines 10 to col. 12, lines 63); and b) a control system associated with the communication interface (fig. 1, col. 8, line 58 to col. 9, line 65) and adapted to: i) receive a request for a temporary directory number, which has been temporarily assigned to the mobile terminal by the wireless network (col. 9, line 28 to col. 10, line 65); ii) retrieve the temporary directory number (col. 9, line 28 to col. 10, line 65); and iii)

provide the temporary directory number to allow a wireless connection to be established with the mobile terminal via the wireless network (fig. 1, col. 9, line 28 to col. 10, line 65 and col. 11, lines 10 to col. 12, lines 63).

Regarding claim 16, this claim is rejected for the same reason as set forth in claim 2.

Regarding claim 17, this claim is rejected for the same reason as set forth in claim 3.

Regarding claim 18, this claim is rejected for the same reason as set forth in claim 4.

Regarding claim 19, this claim is rejected for the same reason as set forth in claim 5.

Regarding claim 20, this claim is rejected for the same reason as set forth in claim 6.

Regarding claim 21, this claim is rejected for the same reason as set forth in claim 7.

Regarding claim 22, this claim is rejected for the same reason as set forth in claim 8.

Regarding claim 23, this claim is rejected for the same reason as set forth in claim 9.

Regarding claim 24, Cardina et al. disclose all the limitation in claim 16. Further, Cardina et al. disclose the system wherein the mobile terminal registers with the wireless network while being served by the wireline network and the temporary directory number is generated in response to the mobile terminal registering with the wireless network (col. 9, line 28 to col. 10, line 65 and col. 11, lines 10 to col. 12, lines 63).

Regarding claim 25, this claim is rejected for the same reason as set forth in claim 11.

Regarding claim 26, this claim is rejected for the same reason as set forth in claim 12.

Regarding claim 27, this claim is rejected for the same reason as set forth in claim 13.

Regarding claim 28, Cardina et al. disclose all the limitation in claim 15. Further, Cardina et al. disclose the system further comprising a wireline switch adapted to: a) establish a wireline connection with the terminal adapter (fig. 1, col. 9, lines 1-65); b) initiate a call to the

mobile terminal using the temporary directory number to establish the wireless connection via the wireless network (col. 9, line 28 to col. 10, line 65 and col. 11, lines 10 to col. 12, lines 63); and c) transfer communications with the mobile terminal from the wireline connection to the wireless connection (col. 9, line 28 to col. 10, line 65 and col. 11, lines 10 to col. 12, lines 63).

*Conclusion*

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Uchiyama (U.S. 6987988) cordless and wireless telephone docking station

Mooney (U.S. 6941156) automatic handoff for wireless mobile

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ramos Feliciano Eliseo can be reached on 571-272-7925. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong  
AU: 2688  
Date: 03-02-2006

  
ELISEO RAMOS-FELICIANO  
PRIMARY EXAMINER